

# PANDUIT WIRING COMPONENTS

## PANDUIT CORP.

17301 Ridgeland Ave., Tinley Park, Ill. 60477  
Phone: 312-532-1800 TELEX 25-4560

**Suggested  
trade  
prices**

Price Sheet No. L3-19  
Effective 6-1-67  
Cancels Price Sheet No. L3-16  
Dated 9-1-65

## STA-STRAP® INSTALLATION AIDS

### STA-STRAP INSTALLATION TOOLS—for Uniform Tensioning and Cut-off



**GS2B Hand Tool**

| Part Number | Approx. Shpg. Wt. | Unit Price |
|-------------|-------------------|------------|
| GS2B        | 1 lb.             | \$19.00    |

Installs Miniature, Intermediate and Standard Sta-Straps.  
Order by No. Tools Req'd.



**GS4H Hand Tool**

| Part Number | Approx. Shpg. Wt. | Unit Price |
|-------------|-------------------|------------|
| GS4H        | 1½ lb.            | \$40.00    |

Installs Standard and Heavy Sta-Straps.  
Order by No. Tools Req'd.



**ATS2B Pneumatic Powered Tool**

| Part Number | Approx. Shpg. Wt. | Unit Price |
|-------------|-------------------|------------|
| ATS2B*      | 1½ lb.            | \$183.00   |

Installs Miniature, Intermediate and Standard Sta-Straps.  
Order by No. Tools Req'd.

\*ATS2B Pneumatic tool supplied with nine-foot length of hose and ⅛" fitting.

## PAN-RING® WIRING SYSTEM



PR1—For use with SST1 Sta-Strap



PR2—For use with SST2 Sta-Strap

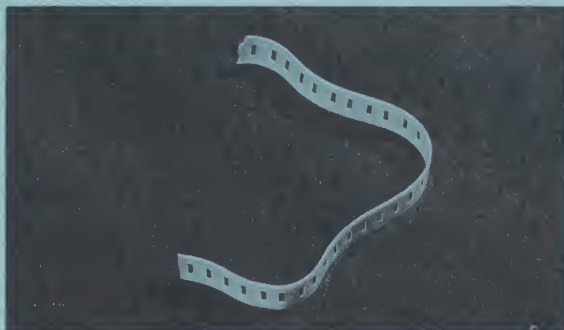
### Standard Pkg. of 100 (C)

| Part Number | Maximum Bundle Diameter | Approx. Shpg. Wt. lbs./1000 | Unit Pkg. | Price Per 100      |         |
|-------------|-------------------------|-----------------------------|-----------|--------------------|---------|
|             |                         |                             |           | Base Price 100-400 | 500     |
| PR1C        | 5/8"                    | 3                           | 100       | \$12.00            | \$ 9.45 |
| PR2C        | 1¼"                     | 7                           | 100       | 17.00              | 13.60   |

Order by Number of Pieces Required.  
Total quantity per item per shipment determines price.

Color: Red

## BROOM-STITCH ACCESSORY



BS2R—Broom-Stitch Accessory

### Standard Pkg. 50-foot Roll

| Part No. | Approx. Shpg. Wt. per Roll | Price Per Ft.       |       |
|----------|----------------------------|---------------------|-------|
|          |                            | Base Price 50'-450' | 500'  |
| BS2R     | 1 lb.                      | \$.32               | \$.26 |

Order by number of feet required.  
Use with Standard Sta-Straps.

Delivery: F.O.B. Tinley Park, Ill. Minimum Billing: \$25.00 each customer-designated shipment. Terms: Cash Discount 2%, 10th prox. FREIGHT ALLOWED via Panduit routing on shipments of \$300.00 or more net billing. All prices subject to change without notice.

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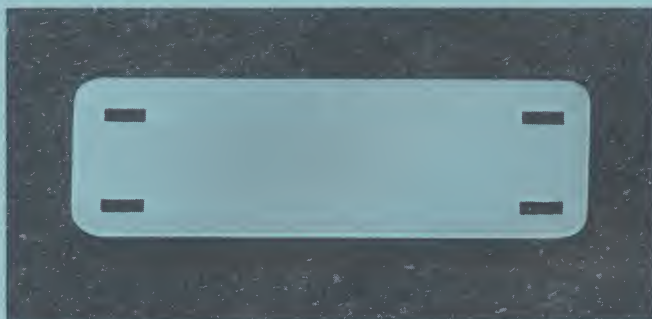
Phone: 312-532-1800

TELEX 25-4560

**Suggested  
trade  
prices**

Price Sheet No. L3-20  
Effective 6-1-67

## STA-STRAP® IDENTIFICATION MARKER PLATES



(Attached to harness with two Standard Sta-Straps. Can be hot-stamped or marked with nylon marking pen.)

MP250—Marker Plate

### Standard Pkg. of 100 (C)

| Part Number | Length* | Approx. Shpg. Wt. lbs./1000 | Price Per 100      |         |
|-------------|---------|-----------------------------|--------------------|---------|
|             |         |                             | Base Price 100-400 | 500     |
| MP150C      | 1½"     | 1                           | \$ 9.50            | \$ 7.60 |
| MP175C      | 1¾"     | 1                           | 9.85               | 7.90    |
| MP200C      | 2"      | 1                           | 10.30              | 8.30    |
| MP250C      | 2½"     | 1½                          | 11.25              | 9.00    |
| MP350C      | 3½"     | 2                           | 13.00              | 10.40   |

\*Width ¾".

Order by number of markers required. Quantity per item per shipment determines price.

### Bulk Pkg. of 1000 (M)

| Part Number | Length* | Approx. Shpg. Wt. lbs./1000 | Price Per M (1000) |         |         |
|-------------|---------|-----------------------------|--------------------|---------|---------|
|             |         |                             | 1M-24M             | 25M-49M | 50M     |
| MP150M      | 1½"     | 1                           | \$61.00            | \$58.00 | \$55.00 |
| MP175M      | 1¾"     | 1                           | 63.00              | 60.00   | 57.00   |
| MP200M      | 2"      | 1                           | 66.00              | 63.00   | 59.00   |
| MP250M      | 2½"     | 1½                          | 72.00              | 69.00   | 65.00   |
| MP350M      | 3½"     | 2                           | 83.00              | 79.00   | 75.00   |

\*Width ¾".

Order by number of markers required. Quantity per item per shipment determines price.

### Standard Roll of 1000 Markers

| Part Number | Length* | Approx. Shpg. Wt. lbs./1000 | Price Per M (1000) |         |         |
|-------------|---------|-----------------------------|--------------------|---------|---------|
|             |         |                             | 1M-24M             | 25M-49M | 50M     |
| MP150R      | 1½"     | 1                           | \$61.00            | \$58.00 | \$55.00 |
| MP175R      | 1¾"     | 1                           | 63.00              | 60.00   | 57.00   |
| MP200R      | 2"      | 1                           | 66.00              | 63.00   | 59.00   |
| MP250R      | 2½"     | 1½                          | 72.00              | 69.00   | 65.00   |
| MP350R      | 3½"     | 2                           | 83.00              | 79.00   | 75.00   |

\*Width ¾".

Order by number of markers required. Quantity per item per shipment determines price.

Delivery: F.O.B. Tinley Park, Ill.

Minimum Billing: \$25.00 each customer-designated shipment.

Terms: Cash Discount 2%, 10th prox.

FREIGHT ALLOWED via Panduit routing on shipments of \$300.00 or more net billing.

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# PANDUIT WIRING COMPONENTS

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TELEX 25-4560

**Suggested  
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Price Sheet No. L2-22

Effective 6-1-67

Cancels Price Sheet No. L2-20

Dated 9-1-65

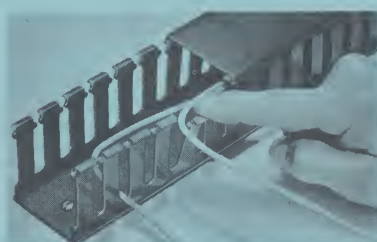
## PANDUCT® PLASTIC WIRING DUCT

### PANDUCT CHANNEL ONLY

| Nominal<br>Width x<br>Height (Inches) | Approx.<br>Shpg. Wt.<br>Per 100' | Price/Foot       |                     |                     |
|---------------------------------------|----------------------------------|------------------|---------------------|---------------------|
|                                       |                                  | Under<br>200 ft. | 200 ft.<br>1999 ft. | 2000 to<br>4999 ft. |
| .5x.5                                 | 11 lbs.                          | \$0.39           | \$0.31              | \$0.28              |
| .5x.62                                | 12 lbs.                          | .41              | .33                 | .31                 |
| .5x1                                  | 16 lbs.                          | .45              | .36                 | .34                 |
| .5x1.25                               | 16 lbs.                          | .51              | .40                 | .37                 |
| .5x1.75                               | 16 lbs.                          | .53              | .43                 | .40                 |
| .75x.75                               | 14 lbs.                          | .44              | .35                 | .33                 |
| .75x1                                 | 16 lbs.                          | .45              | .36                 | .34                 |
| .75x1.5                               | 19 lbs.                          | .53              | .42                 | .39                 |
| .75x2                                 | 23 lbs.                          | .65              | .52                 | .48                 |
| 1x1                                   | 16 lbs.                          | .45              | .37                 | .34                 |
| 1x1.5                                 | 18 lbs.                          | .60              | .49                 | .45                 |
| 1x2                                   | 21 lbs.                          | .64              | .52                 | .48                 |
| 1x3                                   | 31 lbs.                          | .81              | .65                 | .60                 |
| 1.5x1.5                               | 20 lbs.                          | .63              | .51                 | .46                 |
| 1.5x2                                 | 20 lbs.                          | .69              | .55                 | .50                 |
| 1.5x3                                 | 30 lbs.                          | .87              | .70                 | .64                 |
| 1.5x4                                 | 40 lbs.                          | 1.11             | .89                 | .82                 |
| 2x1                                   | 18 lbs.                          | .62              | .50                 | .45                 |
| 2x2                                   | 23 lbs.                          | .75              | .60                 | .55                 |
| 2x3                                   | 36 lbs.                          | .90              | .72                 | .66                 |
| 2x4                                   | 48 lbs.                          | 1.16             | .93                 | .85                 |
| 2.5x3                                 | 41 lbs.                          | .95              | .76                 | .71                 |
| 3x1                                   | 20 lbs.                          | .75              | .60                 | .56                 |
| 3x2                                   | 33 lbs.                          | .82              | .65                 | .60                 |
| 3x3                                   | 43 lbs.                          | .98              | .78                 | .72                 |
| 3x4                                   | 53 lbs.                          | 1.21             | .97                 | .89                 |
| 4x1.5                                 | 33 lbs.                          | .86              | .69                 | .64                 |
| 4x2                                   | 38 lbs.                          | .88              | .71                 | .65                 |
| 4x3                                   | 48 lbs.                          | 1.05             | .84                 | .77                 |
| 4x4                                   | 58 lbs.                          | 1.23             | .98                 | .90                 |

### CORRESPONDING COVER ONLY

| Nominal<br>Width<br>(inches) | Approx.<br>Shpg.<br>Wt./100' | Price/Foot       |                    |                     |
|------------------------------|------------------------------|------------------|--------------------|---------------------|
|                              |                              | Under<br>200 ft. | 200 to<br>1999 ft. | 2000 to<br>4999 ft. |
| .5                           | 4 lbs.                       | \$0.09           | \$0.07             | \$0.06              |
| .75                          | 6 lbs.                       | .10              | .08                | .07                 |
| 1                            | 9 lbs.                       | .12              | .09                | .08                 |
| 1.5                          | 10 lbs.                      | .15              | .12                | .11                 |
| 2                            | 12 lbs.                      | .18              | .14                | .13                 |
| 2.5                          | 14 lbs.                      | .22              | .18                | .16                 |
| 3                            | 17 lbs.                      | .25              | .20                | .18                 |
| 4                            | 22 lbs.                      | .33              | .26                | .24                 |



Type E—Open Slot\*

Order by Total No. of Ft. Req'd. (must be multiple of length per part.)

\* U. S. Pat. No. 3,024,301

Standard Mounting Holes: No Charge—Supplied Only if Specified—See Duct Catalog For Dimensions.

NOTE: Standard Length: 6 ft. Standard Colors: Dark Gray, Light Gray and White.

NOTE: Total length of all sizes of duct and cover, ordered for shipment at one time to one location, determines price columns.

NOTE: Type "S" has solid walls and no wire slots or openings.

Channel Only  
**Example: E 1.5 x 2 DG 6**

Type  
1.5" Wide  
2" High  
Dark Gray  
6' Long

Part Number System

Cover Only  
**Example: C 1.5 DG 6**

Cover  
1.5" Wide  
Dark Gray  
6' Long

Color Code: Dark Gray (DG); Light Gray (LG); White (WH).

Delivery: F.O.B. Tinley Park, Ill. Minimum Billing: \$25.00 each customer-designated shipment. Terms: Cash Discount 2%, 10th prox. FREIGHT ALLOWED via Panduit routing on shipments of \$300.00 or more net billing. All prices subject to change without notice.

# PANDUCT FITTINGS

Part Number System

Transition Fittings: Example

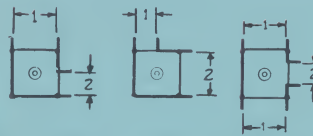
CF 2 x 3 - 1 x 3 DG

Corner Fitting  
2" Wide  
3" High  
1" Wide  
3" High  
Dark Gray\*

Standard Fittings: Example

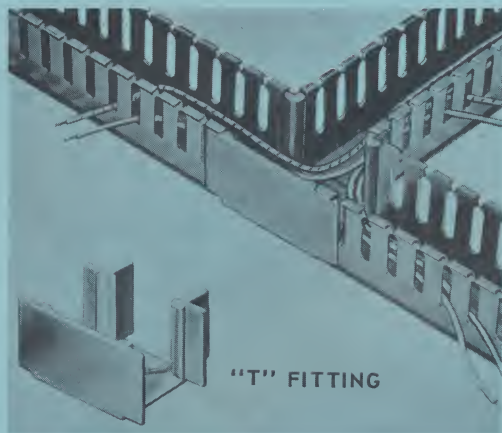
CF 2 x 3 DG

Corner Fitting  
2" Wide  
3" High  
Dark Gray\*



All Parts Shown From Top View

\*Color Suffix  
DG—Dark Gray  
LG—Light Gray  
WH—White



"T" FITTING

\*\* Standard Package: 25. Various sizes and types may not be combined to determine price bracket.

All fittings for use with Types E or S Panduct.  
Specify: Dark Gray, Light Gray or White.  
(DG) (LG) (WH)

| TRANSITION FITTINGS — "T" AND CORNER |                 |            |            |            |            |
|--------------------------------------|-----------------|------------|------------|------------|------------|
| Part Number*                         |                 |            | Price Each |            |            |
| "T" Fittings                         | Corner Fittings |            | Under 25   | 25** to 99 | 100 & Over |
| TF 2x1-1x1                           | CF 2x1-1x1      | CF 1x1-2x1 | \$.68      | \$.62      | \$.56      |
| TF 2x2-1x2                           | CF 2x2-1x2      | CF 1x2-2x2 | .69        | .63        | .57        |
| TF 2x3-1x3                           | CF 2x3-1x3      | CF 1x3-2x3 | .70        | .64        | .58        |
| TF 2x4-1x4                           | CF 2x4-1x4      | CF 1x4-2x4 | .71        | .65        | .59        |
| TF 3x1-1x1                           | CF 3x1-1x1      | CF 1x1-3x1 | .82        | .74        | .67        |
| TF 3x2-1x2                           | CF 3x2-1x2      | CF 1x2-3x2 | .83        | .75        | .68        |
| TF 3x3-1x3                           | CF 3x3-1x3      | CF 1x3-3x3 | .84        | .76        | .69        |
| TF 3x4-1x4                           | CF 3x4-1x4      | CF 1x4-3x4 | .85        | .77        | .70        |
| TF 3x1-2x1                           | CF 3x1-2x1      | CF 2x1-3x1 | .82        | .74        | .67        |
| TF 3x2-2x2                           | CF 3x2-2x2      | CF 2x2-3x2 | .83        | .75        | .68        |
| TF 3x3-2x3                           | CF 3x3-2x3      | CF 2x3-3x3 | .84        | .76        | .69        |
| TF 3x4-2x4                           | CF 3x4-2x4      | CF 2x4-3x4 | .85        | .77        | .70        |

Order by Number of Pieces Required.

| CORNER AND STRAIGHT-THRU FITTINGS |                  |            |            |            |
|-----------------------------------|------------------|------------|------------|------------|
| Part Number*                      |                  | Price Each |            |            |
| Corner Fitting                    | Straight Fitting | Under 25   | 25** to 99 | 100 & Over |
| CF 1x1                            | SF 1x1           | \$.43      | \$.39      | \$.35      |
| CF 1x1.5                          | SF 1x1.5         | .44        | .40        | .36        |
| CF 1x2                            | SF 1x2           | .44        | .40        | .36        |
| CF 1x3                            | SF 1x3           | .45        | .41        | .37        |
| CF 1.5x2                          | SF 1.5x2         | .50        | .45        | .41        |
| CF 1.5x3                          | SF 1.5x3         | .51        | .46        | .42        |
| CF 2x1                            | SF 2x1           | .54        | .49        | .44        |
| CF 2x2                            | SF 2x2           | .55        | .50        | .45        |
| CF 2x3                            | SF 2x3           | .56        | .51        | .46        |
| CF 2x4                            | SF 2x4           | .57        | .52        | .47        |
| CF 3x1                            | SF 3x1           | .65        | .59        | .53        |
| CF 3x2                            | SF 3x2           | .66        | .60        | .54        |
| CF 3x3                            | SF 3x3           | .67        | .61        | .55        |
| CF 3x4                            | SF 3x4           | .68        | .62        | .56        |

Order by Number of Pieces Required.

| "T" and "X" FITTINGS |            |              |            |            |
|----------------------|------------|--------------|------------|------------|
| Part Number*         |            | Price Each   |            |            |
| T Fittings           | X Fittings | Less than 25 | 25** to 99 | 100 & Over |
| TF 1x1               | XF 1x1     | \$.54        | \$.49      | \$.44      |
| TF 1x1.5             | XF 1x1.5   | .55          | .50        | .45        |
| TF 1x2               | XF 1x2     | .55          | .50        | .45        |
| TF 1x3               | XF 1x3     | .56          | .51        | .46        |
| TF 1.5x2             | None       | .62          | .56        | .51        |
| TF 1.5x3             | None       | .63          | .57        | .52        |
| TF 2x1               | XF 2x1     | .68          | .62        | .56        |
| TF 2x2               | XF 2x2     | .69          | .63        | .57        |
| TF 2x3               | XF 2x3     | .70          | .64        | .58        |
| TF 2x4               | XF 2x4     | .71          | .65        | .59        |
| TF 3x1               | XF 3x1     | .82          | .74        | .67        |
| TF 3x2               | XF 3x2     | .83          | .75        | .68        |
| TF 3x3               | XF 3x3     | .84          | .76        | .69        |
| TF 3x4               | XF 3x4     | .85          | .77        | .70        |

Order by Number of Pieces Required.

## SNAP-CLIP FASTENERS — TYPE S

(Type E or S duct may be used with or without fasteners)

| Part Number | Duct Width | Approx. Shpg. Wt. per 100 | Price Per 100 |               |             |
|-------------|------------|---------------------------|---------------|---------------|-------------|
|             |            |                           | Under 100     | Std. Pkg. 100 | 1000 & over |
| S .5        | 1/2"       | 1 lb.                     | \$ 9.00       | \$ 7.00       | \$6.00      |
| S .75       | 3/4"       | 1 lb.                     | 10.00         | 8.00          | 7.00        |
| S 1         | 1"         | 1 1/2 lbs.                | 10.00         | 8.00          | 7.00        |
| S 1.5       | 1 1/2"     | 2 lbs.                    | 10.50         | 8.50          | 7.50        |
| S 2         | 2"         | 2 lbs.                    | 11.00         | 9.00          | 8.00        |
| S 2.5       | 2 1/2"     | 2 1/2 lbs.                | 12.00         | 10.00         | 9.00        |
| S 3         | 3"         | 3 lbs.                    | 12.00         | 10.00         | 9.00        |
| S 4         | 4"         | 4 lbs.                    | 14.00         | 12.00         | 10.50       |

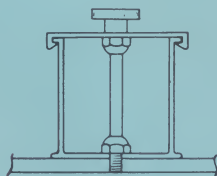
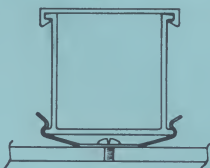
Order by Number of Pieces Required. Includes spring clip and screw.

## STUD TYPE FASTENERS — TYPE F

(Type E or S duct may be used with or without fasteners)

| Part Number | Duct Height | Approx. Shpg. Wt. per 100 | Price Per 100 |               |             |
|-------------|-------------|---------------------------|---------------|---------------|-------------|
|             |             |                           | Under 100     | 100 Std. Pkg. | 1000 & over |
| F 1         | 1"          | 5 lbs.                    | \$16.00       | \$15.00       | \$13.00     |
| F 1.5       | 1.5"        | 6 lbs.                    | 17.00         | 16.00         | 14.00       |
| F 2         | 2"          | 6 lbs.                    | 17.00         | 16.00         | 14.00       |
| F 3         | 3"          | 7 lbs.                    | 18.00         | 17.00         | 15.00       |
| F 4         | 4"          | 8 lbs.                    | 19.00         | 18.00         | 16.00       |

Order by Number of Pieces Required. Threaded Stud Type.





# PANDUIT WIRING COMPONENTS

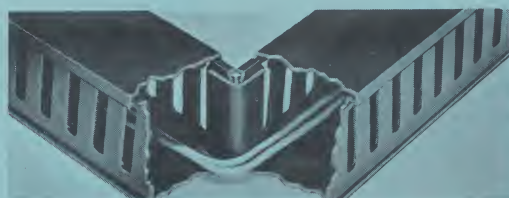
## PANDUIT CORP.

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Phone 312-532-1800 TELEX 25-4560

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Price Sheet No. L2A-13  
Effective 6-1-67  
Cancels Price Sheet No. L2A-11  
Dated 9-1-65

## PANDUCT® CORNER STRIP



Cutaway View—Corner Strip Installed



Part Number System  
**CS1 DG 5**  
Corner Strip Dark Gray 5'

Color Code:  
DG—Dark Gray  
LG—Light Gray  
WH—White

| Approx. Shipping<br>Weight per 100' | Price Per Foot<br>(Standard Length: 5 ft.) |                |                 |
|-------------------------------------|--------------------------------------------|----------------|-----------------|
|                                     | Under<br>200'                              | 200'-<br>1999' | 2000'-<br>4999' |
| 15 lbs.                             | \$0.29                                     | \$0.24         | \$0.23          |

Order by No. Ft. Req'd. (must be multiple of 5 ft.)



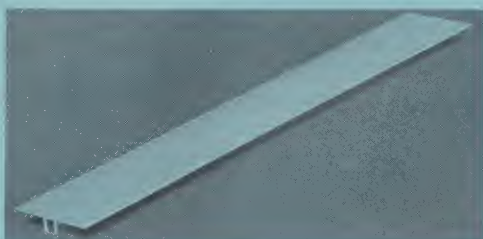
## NYLON "PUSH" RIVETS FOR PANDUCT

For 3/16" Dia. Mounting Hole  
Panel Thickness .156"-.281"

| Part Number | Price Per 100 |               |               |
|-------------|---------------|---------------|---------------|
|             | 0-<br>999     | 1000-<br>9999 | 10M &<br>over |
| NR1         | \$2.00        | \$1.80        | \$1.60        |

Order by Number of Pieces Required.

## STUD-COVER SYSTEM FOR COMPACT RELAYS



STUD-COVER



MOUNTING STUD



TYPICAL INSTALLATION

Part Number System  
EXAMPLE: **SC 1.5 DG 6**  
Stud-Cover 1.5" Wide Dark Gray 6' Long

Color Code:  
DG—Dark Gray  
LG—Light Gray  
WH—White

## STUD-COVER

| Part Number | Width  | Approx. Shpg.<br>Wt. per 100' | Price Per Foot   |                    |                     | Catalog Number |
|-------------|--------|-------------------------------|------------------|--------------------|---------------------|----------------|
|             |        |                               | Under<br>200 ft. | 200 to<br>1999 ft. | 2000 to<br>4999 ft. |                |
| SC1         | 1"     | 9 lbs.                        | \$0.15           | \$0.13             | \$0.12              | SC1            |
| SC1.5       | 1 1/2" | 10 lbs.                       | .17              | .14                | .13                 | SC1.5          |
| SC2         | 2"     | 12 lbs.                       | .20              | .16                | .15                 | SC2            |
| SC2.5       | 2 1/2" | 14 lbs.                       | .23              | .19                | .17                 | SC2.5          |
| SC3         | 3"     | 17 lbs.                       | .25              | .20                | .18                 | SC3            |

Order by No. Ft. Req'd. (must be multiple of 6').  
Standard Colors: Dark Gray, Light Gray and White. Standard Length: 6 ft.

NOTE: Total Length of Stud-Cover, ordered for shipment at one time to one location determines price column.

## MOUNTING STUDS

| Part Number | Nominal Height | Approx. Shpg.<br>Wt. per 100 | Price Per 100 |                  |                | Catalog Number |
|-------------|----------------|------------------------------|---------------|------------------|----------------|----------------|
|             |                |                              | Under<br>100  | 100<br>Std. Pkg. | 1000 &<br>Over |                |
| MS2         | 2"             | 5 lbs.                       | \$ 8.00       | \$ 7.00          | \$ 6.00        | MS2            |
| MS3         | 3"             | 6 lbs.                       | 10.00         | 9.00             | 8.00           | MS3            |
| MS4         | 4"             | 7 lbs.                       | 12.00         | 11.00            | 10.00          | MS4            |

Order by Number of Pieces Required.

For Terms of Sale see reverse side.

# PANDUIT WIRING COMPONENTS

## PANDUIT CORP.

17301 Ridgeland Ave., Tinley Park, Ill. 60477  
Phone: 312-532-1800 TELEX 25-4560

**Suggested  
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prices**

Price Sheet No. L2A-14  
Effective 6-1-67  
Cancels Price Sheet No. L2A-12  
Dated 9-1-65

## SPIRAL WRAPPING — SPIRALLY CUT PLASTIC TUBING

(Each Package Includes Spiral Wrapping Tool at No Additional Cost)



SPIRAL WRAPPING



SPIRAL WRAPPING TOOL

Part Number System

**T12 F**

Type & Size Material

Materials: F — Polyethylene (Clear)  
R — Flame Retardant Polyethylene (White)  
N — Nylon, Heat Stabilized (Clear)

### 1/8" O.D. SPIRAL WRAPPING — Bundle Range 1/16" to 1/2" Diam.

| Part Number | Approx. Shpg. Wt. per Package | Package Size | Price/100'               |                 |                 |                    |
|-------------|-------------------------------|--------------|--------------------------|-----------------|-----------------|--------------------|
|             |                               |              | Base Price<br>500'-2000' | 2500'-<br>4500' | 5000'-<br>9900' | 10,000' &<br>Over  |
| T12F        | 2 1/2 lbs.                    | 500'         | \$3.50                   | \$3.15          | \$2.45          | Quotation<br>Basis |
| T12R        | 3 lbs.                        | 500'         | 5.00                     | 4.50            | 3.50            |                    |
| T12N        | 2 lbs.                        | 500'         | 8.00                     | 7.20            | 6.20            |                    |

Order by No. Ft. Req'd.

### 1/4" O.D. SPIRAL WRAPPING — Bundle Range 3/16" to 2" Diam.

| Part Number | Approx. Shpg. Wt. per Package | Package Size | Price/100'              |                 |                 |                    |
|-------------|-------------------------------|--------------|-------------------------|-----------------|-----------------|--------------------|
|             |                               |              | Base Price<br>100'-900' | 1000'-<br>4900' | 5000'-<br>9900' | 10,000' &<br>Over  |
| T25F        | 1 1/2 lbs.                    | 100'         | \$ 6.25                 | \$ 5.00         | \$4.45          | Quotation<br>Basis |
| T25FM       | 14 lbs.                       | 1000'        | —                       | 4.50            | 4.00            |                    |
| T25R        | 2 lbs.                        | 100'         | 9.15                    | 7.35            | 6.50            |                    |
| T25RM       | 18 lbs.                       | 1000'        | —                       | 6.65            | 5.85            |                    |
| T25N        | 1 1/2 lbs.                    | 100'         | 14.00                   | 11.20           | 9.95            |                    |
| T25NM       | 11 lbs.                       | 1000'        | —                       | 10.10           | 8.95            |                    |

Suffix "M" Denotes 1000' Packages

Order by No. Ft. Req'd.

### 1/2" O.D. SPIRAL WRAPPING — Bundle Range 3/4" to 4" Diam.

| Part Number | Approx. Shpg. Wt. per Package | Standard Package Size | Price/100'              |                 |                 |                    |
|-------------|-------------------------------|-----------------------|-------------------------|-----------------|-----------------|--------------------|
|             |                               |                       | Base Price<br>250'-750' | 1000'-<br>4750' | 5000'-<br>9750' | 10,000' &<br>Over  |
| T50F        | 12 lbs.                       | 250'                  | \$15.00                 | \$13.50         | \$10.50         | Quotation<br>Basis |
| T50R        | 15 lbs.                       | 250'                  | 20.00                   | 16.00           | 14.00           |                    |
| T50N        | 8 lbs.                        | 250'                  | 44.00                   | 40.00           | 32.50           |                    |

Order by No. Ft. Req'd.

Delivery: F.O.B. Tinley Park, Ill. Minimum Billing: \$25.00 each customer-designated shipment. Terms: Cash Discount 2%, 10th prox.  
FREIGHT ALLOWED via Panduit routing on shipments of \$300.00 or more net billing. All prices subject to change without notice.



# PANDUIT

## WIRING COMPONENTS

Panduit Corp., 17301 Ridgeland Ave.  
Tinley Park, Ill. 60477 Phone: 312-532-1800

COST REDUCTION IDEAS • APPLICATION NO. S-6

### SUBJECT:

**Transicold Corp. Reduces Tying Time and Training Time, Achieves Neater Harnesses with Panduit PAN-RAP Cable Ties and Cabling Tools.**

**PROBLEM:** Transicold Corporation, Montebello, California, manufactures a complete line of mechanical transport refrigeration and heating equipment for use in hauling fresh and frozen foods in trucks, trailers, rail cars and containers. For the rugged wear required in over-the-road transit and such demanding uses as rail piggyback with constant vibration, Transicold units are designed for heavy-duty use, utilizing highest quality components.

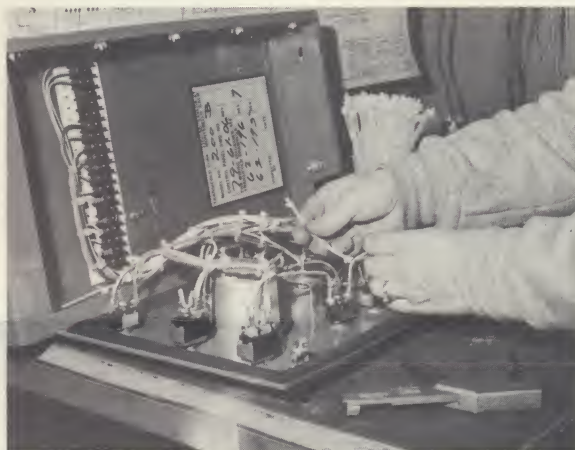
Performance of the Transicold units is dependent on the electrical system. In the control box alone, there are 140 connections. Transicold previously used string ties to hold wires in place. This method often resulted in painful string cuts and burns for the assemblers. Also, this method was time-consuming and a difficult job to learn.

**EVALUATION:** Transicold engineers decided to investigate Panduit PAN-RAP Harness Ties as a means of securing the harnesses used to connect the engine, oil pressure, speed, defrost and compressor switches, meters, fuses, relays and terminal boards. Panduit GS2B Cabling Tools were used to tie the PAN-RAP Ties. They found that this method was superior in every respect to the previous system of harnessing.

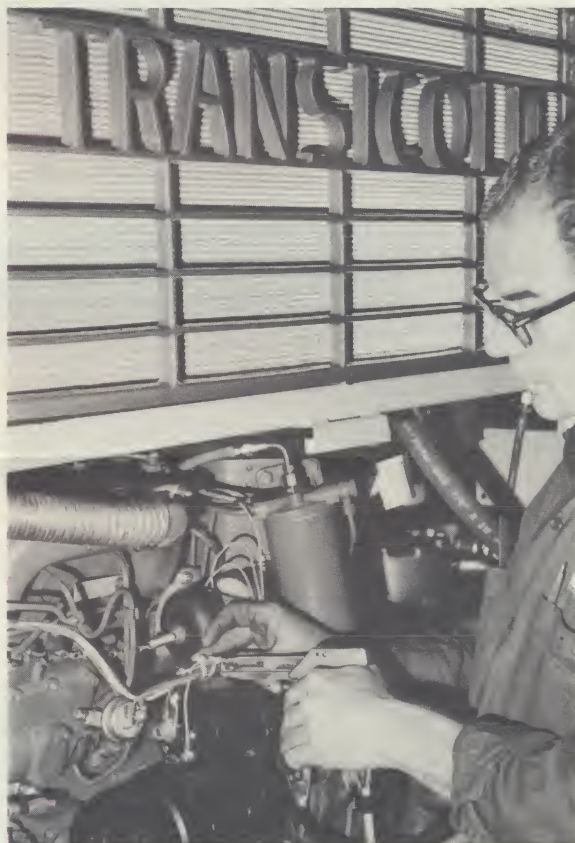
**SOLUTION:** Transicold now uses Panduit SST1.5 and SST2 Ties and the GS2B Cabling Tool to secure all harnesses in their complete line of refrigeration and heating equipment.

### RESULTS:

Transicold reports that assemblers have completely eliminated the problem of string cuts and scratches. Harness Tying Time has been reduced substantially using Panduit PAN-RAPS and Cabling Tools, and the time required to train new personnel is now much less. They have also found that the harnesses are much neater in appearance and allow easier inspection, thus simplifying trouble-shooting procedures. The PAN-RAP Harness Tying System helps prevent wire vibration, the main cause of loose connections. Another advantage is that the PAN-RAPS provide stronger and longer-lasting ties.



Transicold assembler harnesses wires with Panduit PAN-RAPS on control panel of refrigeration-heating unit. This assembly has 140 connections. The Panduit Gun Tool is used to automatically tension and make a flush cut-off of the nylon strap.



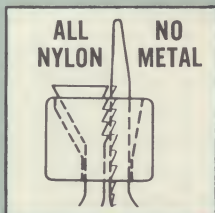
Transicold production line worker harnesses wires in Diesel refrigeration-heating unit using Panduit GS2B Cabling Tool and PAN-RAP Cable Ties. Individual wires are harnessed to simplify servicing of components in the unit.



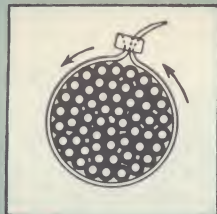


Further application of Panduit PAN-RAP Harness Tying Systems by Transcold is in the control panel of the undermount unit for refrigeration and heating on railroad piggyback cars.

#### How Panduit PAN-RAPS™ provide positive holding without metal spurs or twisting



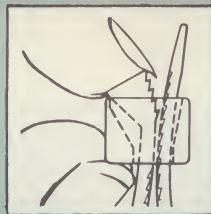
1. **THREADING**—Hold PAN-RAP head and insert free end . . . NOTE: Wedge end moves up providing UNRESTRICTED PASSAGE through head for easy application.



2. **SELF-LOCKING** — Pull free end of strap through until strap loop is snug on bundle. Strap tension automatically locks and recesses wedge into head. Strap-locking is achieved without need of strap twisting or metal spurs.



3. **TRIMMING** — Free end protruding above strap head is cut off flush automatically with Panduit manual or air-powered PAN-RAP tool — or a side-cutter or knife can be used.



4. **RELEASABLE** — Once a PAN-RAP is tightened on bundle, it can NOT be released. A loosely installed PAN-RAP can be released by pulling the wedge end away from the free end.

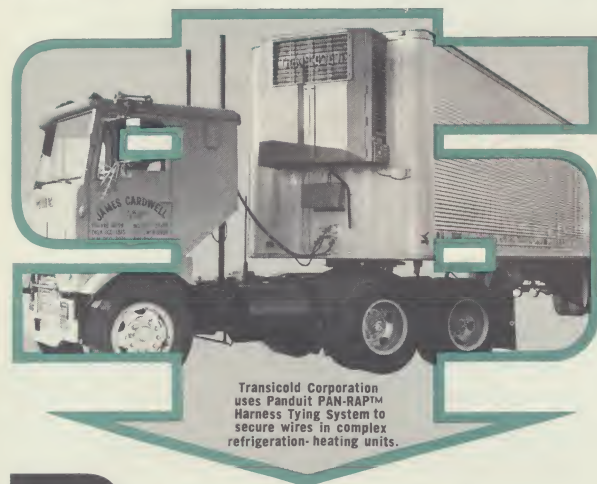
#### How Panduit Pan-Rings and Cabling Tools speed harness tying



The Pan-Rings are mounted to the harnessing board. After the wires have been laid in place the PAN-RAP is quickly threaded around harness using only light hand pressure. The PAN-RAP automatically threads into its self-locking head. The strap is then pulled tight and slips off Pan-Ring onto the harness. When all straps are tied, a PAN-Ring installation tool quickly cuts them flush at a preset tension. The harness tying job is fast, neat and secure.

FROM THE MANUFACTURERS OF PANDUCT® PLASTIC WIRING DUCT

## COST REDUCTION IDEAS FROM



Transcold Corporation uses Panduit PAN-RAP™ Harness Tying System to secure wires in complex refrigeration-heating units.

# PANDUIT

CORP.

